

## WEST Search History

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DATE: Monday, December 26, 2005

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		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L6	L3 and (G15 or (genotype near 15))	0
<input type="checkbox"/>	L5	L3 and G15	0
<input type="checkbox"/>	L4	L3 and cultivated near3 Thlaspi	0
<input type="checkbox"/>	L3	L2 and above near3 (tissue? or shoot or leaf or leaves)	10
<input type="checkbox"/>	L2	L1 and caerulescens and (genotype or cultivar or subspecies)	15
<input type="checkbox"/>	L1	Thlaspi and (zinc or ZN or Cd or cadmium) and soil	131

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20020174451 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 10

File: PGPB

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020174451

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020174451 A1

TITLE: RECOVERING METALS FROM SOIL

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
CHANEY, RUFUS L.	BELTSVILLE	MD	US
ANGLE, J. SCOTT	ELLICOTT CITY	MD	US
LI, YIN-MING	POTOMAC	MD	US
BAKER, ALAN J.M.	S. YORKSHIRE		GB

US-CL-CURRENT: 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMAC	Draw De
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☐ 2. Document ID: US 20020157128 A1

L3: Entry 2 of 10

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020157128

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020157128 A1

TITLE: REMOVAL OF METALS FROM CONTAMINATED SUBSTRATES BY PLANTS

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
SMITH, JAMES ANDREW CHARLES	ISLIP		GB
KRAMER, UTE	BIELEFELD		DE
BAKER, ALAN JOHN MARTIN	SHEFFIELD		GB

US-CL-CURRENT: 800/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 6786948 B1

L3: Entry 3 of 10

File: USPT

Sep 7, 2004

US-PAT-NO: 6786948

DOCUMENT-IDENTIFIER: US 6786948 B1

TITLE: Method for phytomining of nickel, cobalt and other metals from soil

DATE-ISSUED: September 7, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chaney; Rufus L.	Beltsville	MD		
Angle; Jay Scott	Ellicot City	MD		
Li; Yin-Ming	Potomac	MD		

US-CL-CURRENT: 435/168; 210/602, 210/681, 210/682, 75/710, 75/711, 75/712, 800/298

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6657106 B2

L3: Entry 4 of 10

File: USPT

Dec 2, 2003

US-PAT-NO: 6657106

DOCUMENT-IDENTIFIER: US 6657106 B2

TITLE: Removal of metals from contaminated substrates by plants

DATE-ISSUED: December 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smith; James Andrew Charles	Islip			GB
Kramer; Ute	Bielefeld			DE
Baker; Alan John Martin	Sheffield			GB

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 435/468, 435/69.1, 536/23.1, 536/23.7, 536/24.1, 800/288, 800/295, 800/298, 800/306

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6159270 A

L3: Entry 5 of 10

File: USPT

Dec 12, 2000

US-PAT-NO: 6159270

DOCUMENT-IDENTIFIER: US 6159270 A

TITLE: Phytoremediation of metals

DATE-ISSUED: December 12, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Raskin; Ilya	Manalapan	NJ		
Kumar; Nanda P. B. A.	New Brunswick	NJ		
Douchenkov; Slavik	East Brunswick	NJ		

US-CL-CURRENT: 75/711; 210/602, 75/712

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 6. Document ID: US 5944872 A

L3: Entry 6 of 10

File: USPT

Aug 31, 1999

US-PAT-NO: 5944872

DOCUMENT-IDENTIFIER: US 5944872 A

TITLE: Method for phytomining of nickel, cobalt and other metals from soil

DATE-ISSUED: August 31, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chaney; Rufus L.	Beltsville	MD		
Angle; Jay Scott	Ellicot City	MD		
Baker; Alan J.M.	Sheffield			GB
Li; Yin-Ming	Potomac	MD		

US-CL-CURRENT: 75/712; 210/602, 47/58.1R

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 7. Document ID: US 5928406 A

L3: Entry 7 of 10

File: USPT

Jul 27, 1999

US-PAT-NO: 5928406

DOCUMENT-IDENTIFIER: US 5928406 A

TITLE: Conversion of metal oxidation states by phytoreduction

DATE-ISSUED: July 27, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Salt; David E.	Highland Park	NJ	08904	
Raskin; Ilya	Manalapan	NJ	07726	
Kumar; Nanda P. B. A.	New Brunswick	NJ	08903	
Douchenkov; Slavik	East Brunswick	NJ	08816	

US-CL-CURRENT: 75/712; 210/602, 405/128.1, 405/128.15, 423/DIG.17, 588/256

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 8. Document ID: US 5785735 A

L3: Entry 8 of 10

File: USPT

Jul 28, 1998

US-PAT-NO: 5785735

DOCUMENT-IDENTIFIER: US 5785735 A

TITLE: Phytoremediation of metals

DATE-ISSUED: July 28, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Raskin; Ilya	Manalapan	NJ	07726	
Kumar; Nanda P. B. A.	New Brunswick	NJ	08903	
Douchenkov; Slavik	East Brunswick	NJ	08816	

US-CL-CURRENT: 75/711; 210/602, 75/712

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 9. Document ID: US 5711784 A

L3: Entry 9 of 10

File: USPT

Jan 27, 1998

US-PAT-NO: 5711784

DOCUMENT-IDENTIFIER: US 5711784 A

TITLE: Method for phytomining of nickel, cobalt and other metals from soil

DATE-ISSUED: January 27, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chaney; Rufus L.	Beltsville	MD		
Angle; Jay Scott	Elliot City	MD		

Baker; Alan J. M.

Sheffield

GB

Li; Yin-Ming

Potomac

MD

US-CL-CURRENT: 75/712; 210/602, 47/58.1R

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Dc
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☐ 10. Document ID: US 5364451 A

L3; Entry 10 of 10

File: USPT

Nov 15, 1994

US-PAT-NO: 5364451

DOCUMENT-IDENTIFIER: US 5364451 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Phytoremediation of metals

DATE-ISSUED: November 15, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Raskin; Ilya	Manalapan	NJ		
Kumar; Nanda P. B. A.	New Brunswick	NJ		
Douchenkov; Slavik	East Brunswick	NJ		

US-CL-CURRENT: 75/710; 210/602, 210/682, 210/688, 71/9

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Dc
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10

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